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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
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FOR THE MONTH AND PERIOD ENDED NOVEMBER 1985

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

ISSUE NO. 11
RELEASE DATE: January 24, 1986

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

SPI

SECTION I

CRS

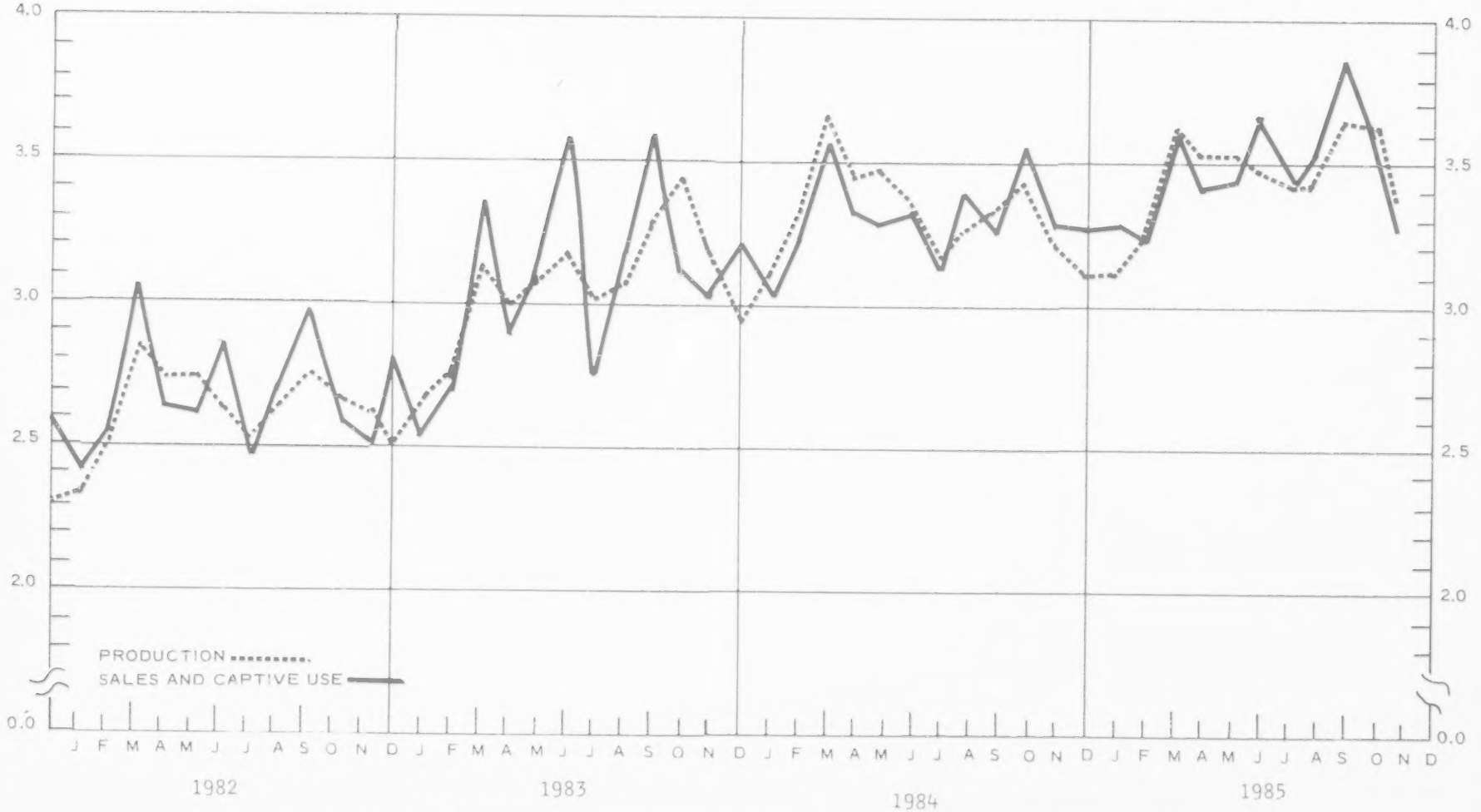
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

NOVEMBER 1985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PRODUCTION
SALES AND CAPTIVE USE
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

NOVEMBER 1985

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
EPOXY RESINS, TOTAL	28,192	27,522	+2.4	342,301	354,685	-3.5	31,594	30,988	+2.0	349,322	374,020	-6.6
POLYESTER (UNSATURATED) RESINS, TOTAL	93,967	93,293	+0.7	1,145,801	1,148,772	-0.3	91,289	90,179	+1.2	1,138,755	1,149,173	-0.9
UREA RESINS, TOTAL	102,754	90,586	+13.4	1,151,638	1,095,912	+5.1	103,436	91,998	+12.4	1,157,764	1,106,081	+4.7
MELAMINE RESINS, TOTAL	15,975	16,322	-2.1	178,081	184,516	-3.5	16,162	16,881	-4.3	177,192	195,398	-9.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	219,619	181,842	+20.8	2,450,047	2,316,628	+5.8	217,237	181,715	+19.5	2,437,732	2,308,746	+5.6
THERMOSETTING RESINS, TOTAL	460,507	409,565	+12.4	5,367,868	5,100,513	+3.3	459,718	411,761	+11.6	5,260,765	5,133,418	+2.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	659,328	715,079	-7.8	8,272,635	7,645,116	+8.2	736,661	716,062	+2.7	8,131,040	7,771,587	+4.6
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	505,461	500,933	+0.9	6,010,466	5,445,680	+10.4	533,171	495,187	+7.7	6,098,330	5,642,804	+8.1
POLYPROPYLENE, TOTAL	431,782	403,168	+7.1	4,180,455	4,423,212	-8.0	439,325	396,191	+10.9	4,709,267	4,332,445	+8.9
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	74,201	82,239	-9.8	929,902	1,006,574	-7.6	83,737	93,436	-10.4	943,421	1,042,775	-9.5
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	5,694	6,998	-18.6	79,789	83,408	-4.3	7,628	7,886	-3.3	86,248	93,137	-7.4
POLYSTYRENE RESINS, TOTAL	325,014	296,493	+9.6	3,732,484	3,544,799	+5.3	326,560	300,398	+8.7	3,698,733	3,522,391	+5.0
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL	59,595	59,343	+0.4	708,266	691,084	+2.5	61,640	54,825	+12.4	684,393	683,513	+0.1
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	22,813	21,748	+4.9	243,127	212,511	+14.4	24,629	22,862	+7.7	254,354	232,127	+9.6
NYLON RESINS, TOTAL	34,496	32,016	+7.7	371,217	360,320	+3.0	32,302	28,553	+13.1	363,136R	372,311	-2.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	536,346	632,974	-15.3	6,102,356	6,215,366	-1.8	517,468	566,735	-8.7	6,161,466	6,145,104	+0.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	50,225	51,442	-2.4	628,272	643,191	-2.3	* 50,225	* 51,442	-2.4	* 628,272	* 643,191	-2.3
POLYVINYL ALCOHOL, TOTAL #	10,572	11,141	-5.1	133,712	127,535	+4.8	7,318	13,485	-45.7	125,624	132,815	-5.4
OTHER VINYL RESINS, TOTAL	15,691	15,306	+2.5	172,034	170,776	+0.7	13,537	14,809	-8.6	173,195	124,465	+0.4
THERMOPLASTIC POLYESTER, TOTAL	79,365	69,529	+14.1	872,572	784,345	+11.2	81,950	74,251	+10.4	877,667	827,239	+6.1
THERMOPLASTIC RESINS, TOTAL	2,810,583	2,898,409	-3.0	33,037,287	31,355,917	+5.4	2,936,351	2,836,122	+3.5	32,935,346R	31,813,904	+3.5
GRAND TOTAL	3,221,090	3,307,974	-1.1	38,305,155	36,456,430	+5.1	3,396,069	3,247,883	+4.6	38,196,111	36,947,322	+3.4

(1) = Except phenolic resins which are reported on a gross weight basis
* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.
# = Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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R = Revision

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

NOVEMBER 1985

RESIN KIND	NOVEMBER				YEAR-TO-DATE NOVEMBER				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	32	1	6	28	349	12	81	280	4%
POLYESTER (UNSATURATED) RESINS, TOTAL	91		3	88	1,139	6	39	1,104	0%
UREA RESINS, TOTAL	103	2		105	1,158	12	1	1,170	1%
MELAMINE RESINS, TOTAL	14		1	13	177	2	13	166	1%
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	97	3		118	1,436	33	21	1,448	2%
THERMOSETTING RESINS, TOTAL	337	7	12	352	4,261	70	173	4,159	2%
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	291	38	14	315	3,131	448	461	3,618	12%
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	473		57	468	6,099	15	212	5,902	0%
POLYPROPYLENE, TOTAL	340	1	17	384	4,209	11	286	3,934	0%
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	84			92	941	11	91	909	1%
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8				86	3	10	83	4%
OTHER STYRENICS	30	4	2	32	339	39	37	340	11%
POLYSTYRENE, TOTAL	197			213	2,589	38	93	2,537	1%
NYLON RESINS, TOTAL	25	1	1	30	361	24	37	360	7%
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	511	9	8	531	6,161	361	245	6,301	6%
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	52			50	678	20	41	657	3%
POLYVINYL ALCOHOL, TOTAL		4		4	126	14	20	138	10%
OTHER VINYL RESINS, TOTAL	14	1	1	13	172	29	19	184	16%
THERMOPLASTIC POLYESTER, TOTAL	57		13	61	678	13	156	535	2%
THERMOPLASTIC RESINS, TOTAL	2,301	95	284	2,368	27,935	1,130	3,160	25,895	4%
GRAND TOTAL	2,396	102	296	2,557	28,196	1,190	3,332	26,034	5%

(1) = Except phenolic resins which are reported on a gross weight basis

D = Disclosure

R = Revision

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Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

NOVEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
EPOXY RESINS, TOTAL	28,192	27,522	+2.4	342,301	354,685	- 3.5	31,594	30,988	+2.0	349,322	374,020	-6.6
Total Exports	2,873	2,816	+2.0	38,816	38,001	+ 2.1						
Captive Use, Total	1,424	*		14,239								
Domestic Sales, Total	23,895	*		289,246								
Domestic Sales & Captive Use, Total	25,319	24,706	+2.5	303,485	316,684	-4.2						
Bonding & Adhesives	1,379	1,375	+0.3	16,715	18,526	-9.8						
Flooring, Paving & Exposed Aggregate	1,244	1,311	-5.1	15,385	16,474	-6.6						
Protective Coatings	12,065	10,985	+9.8	156,414	143,511	+9.0						
Fiber Reinforced Laminates & Composites, Total	6,046	6,281	-3.7	64,109	81,977	-21.8						
FRL&C for Printed Wiring Board	3,416	4,105	-16.8	40,424	57,026	-29.1						
All Other FRL&C	2,630	2,176	+20.9	23,685	24,951	-5.1						
Tooling, Casting & Molding Resins	1,682	2,344	-28.2	21,398	29,224	-26.8						
All Other Uses	2,903	2,410	+20.5	29,464	26,972	+9.2						
POLYESTER (UNSATURATED) RESINS, TOTAL	93,567	93,293	+0.7	1,145,801	1,148,772	-0.3	91,289	90,179	+1.2	1,138,755	1,149,173	-0.9
Total Exports	544	684	-20.5	8,283	7,489	+10.6						
Total Domestic	93,423	92,609	+0.9	1,137,518	1,141,283	-0.3						
General Purpose Resins, Total	81,658	82,005	-0.4	1,002,266	1,019,162	-1.7						
General Purpose - Thixotropic	36,430	36,357	+0.2	444,526	461,205	-3.6						
General Purpose - Press Molding	14,975	17,329	-13.6	156,823	181,444	-13.6						
General Purpose - All Other	30,253	28,319	+6.8	400,917	376,513	+6.5						
Flame Retardant Resins	1,980	2,176	-9.0	21,974	22,860	-3.9						
Chemical Resistant Resins	9,785	8,428	+16.1	113,278	99,261	+14.1						
Chemical Resistant Isophthalic Resins	7,585	6,065	+25.1	83,258	69,995	+18.9						
All Other Chemical Resistant Resins	2,200	2,363	-6.9	30,020	29,266	+2.6						
Reinforced Plastics, Total	71,538	70,593	+1.3	873,694R	876,345	-0.3						
Non-Reinforced Plastics, Total	21,885	22,016	-0.6	263,824	264,938	-0.4						

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R = Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

NOVEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
UREA RESINS, TOTAL	102,754	90,586	+13.4	1,151,638	1,095,912	+5.1	103,436	91,998	+12.4	1,157,764	1,106,081	+4.7
MELAMINE RESINS, TOTAL	15,975	16,322	-2.1	178,081	184,516	-3.5	16,162	16,881	-4.3	177,192	195,398	-9.3
UREA & MELAMINE RESINS, TOTAL	118,729	106,908	+11.1	1,329,719	1,280,428	+3.8	119,598	108,879	+9.8	1,334,956	1,301,479	+2.6
Total Exports	D	D		D	D							
Total Domestic*	118,729	106,908	+11.1	1,329,719	1,280,428	+3.8						
Textile Treating & Coating Resins	1,188	1,961	-39.4	15,928	21,389	-25.5	1,902	2,341	-18.8	23,691	24,647	-3.9
Paper Treating & Coating Resins	7,875	7,383	+6.7	89,559	90,432	-1.0	9,089	8,339	+9.0	96,724	96,288	+0.5
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	91,724	80,169	+14.4	1,017,790	963,347	+5.7	91,357	80,598	+13.3	1,018,948	972,710	+4.8
Laminating	4,191	4,095	+2.3	42,157	41,032	+2.7	4,157	4,050	+2.6	41,872	42,125	-0.6
Plywood	4,731	5,089	-7.0	54,485	54,219	+0.5	4,756	4,936	-3.6	54,616	56,450	-3.2
Fibrous & Granulated Wood (Particle Board)	82,802	70,985	+16.6	921,148	868,096	+6.1	82,444	71,612	+15.1	922,460	874,135	+5.5
Protective Coatings (Straight & Modified)	7,485	6,716	+11.5	82,954	79,039	+5.0	7,057	8,609	-18.0	86,919	100,593	-13.6
All Other Uses (Includes Molding Compounds, and Exports)	10,457	10,679	-2.1	123,488	126,221	-2.2	10,193	8,992	+13.4	108,674	107,241	+1.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	219,619	181,842	+20.8	2,450,047	2,316,628	+5.8	217,237	181,715	+19.5	2,437,732	2,308,746	+5.6
Total Exports	1,692	1,707	-0.9	18,844	20,241	-6.9						
Total Domestic	217,927	180,135	+21.0	2,431,203	2,296,387	+5.9						
Molding Compounds	17,641	17,313	+1.9	196,559	223,463	-12.0	19,988	17,605	+13.5	214,262	245,966	-12.9
Bonding & Adhesive Resins for:	194,421	158,010	+23.0	2,172,709	2,018,758	+7.6	191,506	158,775	+20.6	2,159,869	2,005,687	+7.7
Laminating	11,382	11,389	0.0	131,791	138,087	-4.6	9,401	9,977	-5.8	114,616	116,386	-1.5
Coated & Bonded Abrasives	1,905	1,853	+2.8	20,701	22,025	-6.0	1,969	1,928	+2.1	21,074	23,511	-10.4
Friction Materials	1,938	2,008	-3.5	24,643	32,994	-25.3	1,764	1,772	-0.5	24,890	32,633	-23.7
Insulation Materials	31,849	18,606	+71.2	373,841	286,967	+30.3	31,483	18,886	+66.7	372,754	285,557	+30.5
Foundry & Shell Molding	6,942	6,482	+7.1	73,871	74,620	-1.0	7,213	6,655	+8.4	76,722	76,751	0.0
Plywood	107,157	97,515	+9.9	1,171,750	1,209,881	-3.2	105,273	97,634	+7.8	1,162,310	1,203,787	-3.4
Fibrous & Granulated Wood	18,636	12,813	+45.4	201,232	169,087	+19.0	18,375	13,001	+41.3	200,439	169,208	+18.5
Resins Sold to Rubber Industry	3,175	2,699	+17.6	29,674	28,225	+5.1	3,513	2,986	+17.6	32,434	31,552	+2.8
All Other	11,437	4,645	+146.2	145,206	56,872	+155.3	12,515	5,936	+110.8	154,630	66,302	+133.2
Protective Coatings — Unmodified & Modified	1,843	1,855	-0.6	21,169	20,664	+2.4	1,953	2,326	-16.0	22,654	23,221	-2.4
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	4,022	2,957	+36.0	40,766	33,502	+21.7	3,790	3,009	+26.0	40,947	33,872	+20.9

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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D = Disclosure

R = Revision

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

NOVEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	659,328	715,079	-7.8	8,222,635	7,645,116	+8.2	756,661	716,062	+5.7	8,131,040	7,771,587	+4.6
Total Exports	77,345	90,658	-14.7	1,049,399	881,255	+19.1						
Total Domestic	581,983	624,421	-6.8	7,223,236	6,763,861	+6.8						
Film (12 Mils & Below)	367,448	390,102	-5.8	4,624,112	4,249,492	+8.8						
Sheet (Over 12 Mils)	D (3)	D (3)		D (3)	D (3)							
Injection Molding	43,168	44,951	-4.0	530,444	562,377	-5.7						
Wire & Cable	26,917	28,291	-4.9	317,141	347,050	-8.6						
Extrusion Coating	49,815	56,037	-11.1	589,410	584,833	+0.8						
Blow Molding	2,906	2,922	-0.5	42,620	38,913	+9.5						
Pipe & Conduit, Total	950	1,674	-43.2	27,383	24,851	+10.2						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	12,755	9,737	+31.0	92,613	87,658	+5.7						
All Other Uses	78,024	90,707	-14.0	999,513	868,687	+15.1						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	505,461	500,933	+0.9	6,010,466	5,445,680	+10.4	533,171	495,187	+7.7	6,098,530	5,642,804	+8.1
Total Exports	73,592	64,386	+14.3	777,536	639,623	+21.6						
Total Domestic	431,869	436,547	-1.1	5,232,930	4,806,057	+8.9						
Film (12 Mils & Below)	39,774	30,817	+29.1	397,805	338,283	+17.6						
Sheet (Over 12 Mils)	11,610	11,803	-1.6	124,474	110,920	+12.2						
Injection Molding	95,255	99,356	-4.1	1,365,260	1,099,779	+24.1						
Wire & Cable	7,714	10,363	-25.6	105,632	113,645	-7.1						
Extrusion Coating	D (2)	D (2)		D (2)	D (2)							
Blow Molding	184,038	167,554	+9.8	2,031,428	1,913,857	+6.1						
Pipe & Conduit, Total	28,565	38,757	-26.3	438,678	438,415	0.0						
Corrugated Pipe & Conduit	2,206	11,457	-80.7	111,812	127,576	-12.4						
Non-Corrugated Pipe & Conduit	26,359	27,300	-3.4	326,866	310,839	+5.2						
Other Extruded Products	1,632	2,820	-42.1	34,965	40,829	-14.4						
All Other Uses	63,281	75,077	-15.7	734,688	750,329	-2.1						

(2) = Included in Other Extruded Products
(3) = Included in Film

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
POLYPROPYLENE, TOTAL	431,782	403,168	+7.1	4,780,455	4,425,212	+8.0	439,525	396,191	+10.9	4,709,267	4,532,445	+3.9
Total Exports	60,998	64,092	-4.8	789,836	697,978	+13.2						
Total Domestic	370,784	339,076	+9.4	3,990,619	3,727,234	+7.1						
Injection Molding	103,400	109,491	-5.6	1,155,458	1,201,833	-3.9						
Appliances	9,827	11,197	-12.2	105,991	111,663	-5.1						
Consumer Products	22,705	23,212	-2.2	283,762	272,953	+4.0						
Rigid Packaging	30,490	32,172	-5.2	354,531	340,229	+4.2						
Transportation	30,861	27,386	+12.7	300,440	289,113	+3.9						
All Other Injection Molding	9,517	15,524	-38.7	110,734	187,875	-41.1						
Blow Molding	7,192	9,723	-26.0	95,440	98,981	-3.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	32,229	34,797	-7.4	355,910	369,614	-3.7						
Sheet (Over 10 Mils)	3,462	2,805	+23.4	39,873	48,950	-18.5						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	118,369	109,701	+7.9	1,300,052	1,237,595	+5.0						
Textile Applications	100,797	*		1,113,318	*							
Non-Textile Monofilaments	17,572	*		186,734	*							
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	7,206	8,991	-19.9	82,418	104,597	-21.2						
Resellers & Compounders	75,959	51,753	+46.8	772,463	524,569	+47.3						
All Other Uses	22,967	11,815	+94.4	188,999	141,095	+34.0						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

* = Comparable 1984 Data Not Available

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

NOVEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	74,201	82,239	-9.8	929,902	1,006,574	-7.6	83,737	93,436	-10.4	943,421	1,042,775	-9.5
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	5,694	6,998	-18.6	79,789	83,408	-4.3	7,628	7,886	-3.3	86,248	93,137	-7.4
Total Exports	763	566	+34.8	8,931	10,389	-14.0						
Total Domestic	4,931	6,432	-23.3	70,858	73,019	-3.0						
POLYSTYRENE RESINS, TOTAL	325,014	296,493	+9.6	3,732,484	3,544,799	+5.3	326,560	300,398	+8.7	3,698,733	3,522,391	+5.0
Straight Polystyrene	171,901	159,276	+7.9	1,938,793	1,841,232	+5.3	183,738	161,278	+13.9	1,954,193	1,852,138	+5.5
Rubber-Modified Polystyrene	153,113	137,217	+11.6	1,793,691	1,703,567	+5.3	142,822	139,120	+2.7	1,744,540	1,670,253	+4.4
Total Exports	4,908	8,650	-43.3	73,377	86,128	-14.8						
Straight Polystyrene	2,954	3,796	-22.2	42,017	47,036	-10.7						
Rubber-Modified Polystyrene	1,954	4,854	-59.7	31,360	39,092	-19.8						
Total Domestic	320,106	287,843	+11.2	3,659,107	3,458,671	+5.8						
Molding	113,304	105,193	+7.7	1,280,495	1,333,097	-3.9						
Extrusion	138,744	120,507	+15.1	1,572,432	1,356,742	+15.9						
Expandable Polystyrene Beads	42,204	42,551	-0.8	472,008	447,108	+5.6						
All Other Uses	25,854	19,592	+32.0	334,172	321,724	+3.9						
Polystyrene End Uses, Total**	320,106	287,843	+11.2	3,659,107	3,458,671	+5.8						
Packaging	73,168	73,079	+0.1	861,137	913,915	-5.8						
Disposables	40,146	36,732	+9.3	439,824	455,676	-3.5						
Consumer and Institutional Products	45,358	42,635	+6.4	600,883	510,013	+17.8						
Electrical/Electronics	22,643	26,165	-13.5	284,297	280,975	+1.2						
Furniture, Furnishings, Building & Construction	14,116	15,086	-6.4	137,358	165,181	-16.8						
Expandable Polystyrene Beads	42,204	42,551	-0.8	472,008	447,108	+5.6						
Resellers and Compounders	40,888	*		476,820	*							
All Other End Uses	41,583	51,595	-19.4	386,780	685,803	-43.6						

** = Portions of the End Use Section are estimated.

* = Comparable 1984 Data Not Available

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SECTION I
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(In thousands of pounds, dry weight basis)

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THERMOPLASTIC RESINS

NOVEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	59,595	59,343	+0.4	708,266	691,084	+2.5	61,640	54,825	+12.4	684,393	683,513	+0.1
Paper Treating	1,996	1,734	+15.1	23,836	22,311	+6.8						
Textile Treating	1,028	1,006	+2.2	13,446	14,240	-5.6						
Carpet Backing	24,017	24,703	-2.8	283,464	291,882	-2.9						
All Other Uses (Including Exports & Paper Coating)	32,554	31,900	+2.1	387,520	362,651	+6.9						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	22,813	21,748	+4.9	243,127	212,511	+14.4	24,629	22,862	+7.7	254,354	232,127	+9.6
Total Export	D	D		D	D							
Total Domestic	22,813	21,748	+4.9	243,127	212,511	+14.4						
Molding & Extrusion	18,006	17,247	+4.4	192,240	161,868	+18.8						
Coatings	4,807	4,501	+6.8	50,887	50,643	+0.5						
NYLON RESINS, TOTAL	34,496	32,016	+7.7	371,217	360,320	+3.0	32,302	28,553	+13.1	363,136R	372,311	-2.5
Total Exports	2,400	1,507	+59.3	22,125	23,411	-5.5						
Total Domestic	32,096	30,509	+5.2	349,092	336,909	+3.6						
Injection Molding Grade	20,944	20,221	+3.6	230,754	224,823	+2.6						
Extrusion Grade	8,290	8,591	-3.5	93,756	88,218	+6.3						
Resellers and Compounders	1,535	1,149	+33.6	16,879	17,840	-5.4						
All Other Uses	1,327	548	+142.2	7,703	6,028	+27.8						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

* = Exports are included in Domestic Total and Molding & Extrusions.

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SECTION I
MONTHLY STATISTICAL REPORT
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(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

NOVEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	536,346	632,974	-15.3	6,102,356	6,215,366	-1.8	517,468	566,735	-8.7	6,161,466	6,145,104	+0.3
Homopolymer Resins Including Blending & Latex	486,093	582,024	-16.5	5,525,492	5,590,674	-1.2	471,682	509,323	-7.4	5,587,211	5,511,139	+1.4
Copolymer Resins Including Blending & Latex	17,596	22,936	-23.3	236,536	269,763	-12.3	16,870	24,277	-30.5	238,456	269,172	-11.4
Dispersion Resins	32,657	28,014	+16.6	340,328	354,929	-4.1	28,916	33,135	-12.7	335,799	364,793	-7.9
Total Exports	18,812	36,532	-48.5	261,007	334,396	-21.9						
Total Domestic	517,534	596,442	-13.2	5,841,349	5,880,970	-0.7						
Calendering, Total	56,528	68,453	-17.4	621,043	671,328	-7.5						
Flooring	13,153	13,523	-2.7	146,690	161,806	-9.3						
Textile	5,002	8,566	-41.6	63,215	85,380	-26.0						
All Other Calendering Uses	38,373	46,364	-17.2	411,138	424,142	-3.1						
Coating, Total	26,317	28,340	-7.1	274,063	318,724	-14.0						
Flooring	10,853	13,811	-21.4	112,046	128,365	-12.7						
Textile & Paper Coating	8,633	7,786	+10.9	83,134	101,071	-17.7						
Protective Coatings	3,930	3,578	+9.8	42,186	40,153	+5.1						
Adhesives & All Other Coating Uses	2,901	3,165	-8.3	36,697	49,135	-25.3						
Extrusion, Total	356,581	411,526	-13.4	4,066,960	3,956,058	+2.8						
Wire & Cable	37,014	36,198	+2.3	411,901	379,680	+8.5						
Film & Sheet	19,288	37,163	-48.1	208,381	312,453	-33.3						
Siding	36,448	*		427,992	*							
Rigid Pipe & Tubing (Except Fittings)	223,251	278,620	-19.9	2,536,523	2,647,720	-4.2						
All Other Extrusions	40,580	59,545	-31.8	482,163	616,205	-21.8						
Molding, Total	36,295	38,633	-6.1	428,342	428,482	-0.0						
Bottles	14,728	14,562	+1.1	150,747	172,954	-12.8						
Sound Records	5,195	5,159	+0.7	61,753	69,037	-10.6						
Fittings (Rigid Pipe & Tubing)	8,189	12,626	-35.1	148,051	111,601	+32.7						
All Other Molding	8,183	6,286	+30.2	67,791	74,890	-9.5						
Paste Processes (Except Coating)	13,664	12,923	+5.7	144,879	158,515	-8.6						
Plastisol Formulation	7,163	7,065	+1.4	72,178	87,614	-17.6						
All Other	6,501	5,858	+11.0	72,701	70,901	+2.5						
Resellers & Compounders	13,249	17,060	-22.3	90,822	153,780	-40.9						
All Other Uses	14,900	19,507	-23.6	215,240	194,083	+10.9						

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS NOVEMBER 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	50,225	51,442	-2.4	628,272	643,191	-2.3						
Total Exports	383	545	-29.7	5,734	6,444	-11.0						
Total Domestic	49,842	50,897	-2.1	622,538	636,747	-2.2						
Emulsion Paints	15,851	14,824	+6.9	191,441	191,073	+0.2						
Adhesives, Caulks and Sealants	18,222	19,310	-5.6	245,114	255,931	-4.2						
Paper Treating & Paper Coating	9,037	9,956	-9.2	102,487	110,528	-7.3						
Textile Treating	2,336	2,289	+2.1	29,450	24,049	+22.5						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses	4,396	4,508	-2.5	54,046	55,166	-2.0						
POLYVINYL ALCOHOL, TOTAL #	10,572	11,141	-5.1	133,712	127,535	+4.8	7,318	13,485	-45.7	125,624	132,815	-5.4
Total Exports	1,718	2,100	-18.2	27,218	26,006	+4.7						
Total Domestic	8,854	9,041	-2.1	106,494	101,529	+4.9						
OTHER VINYL RESINS*, TOTAL	15,691	15,306	+2.5	172,034	170,776	+0.7	13,537	14,809	-8.6	173,195	172,465	+0.4
Total Exports	3,884	4,934	-21.3	44,022	41,718	+5.5						
Total Domestic	11,807	10,372	+13.8	128,012	129,058	-0.8						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	79,365	69,529	+14.1	872,572	784,345	+11.2	81,950	74,251	+10.4	877,667	827,239	+6.1
Total Exports	7,182	8,336	-13.8	102,783	87,907	+16.9						
Total Domestic	72,183	61,193	+18.0	769,789	696,438	+10.5						
PET Bottle Grades	52,725	42,724	+23.4	571,113	486,403	+17.4						
All Other Thermoplastic Polyester**	19,458	18,469	+5.4	198,676	210,035	-5.4						

** = Includes All Other PET and All Injection Molding Grades
# = Includes imputed data

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(1)=Included in All Other Uses

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